

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS. WELL LOGS ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED Oil SUB REPORT abd

Footage change 10-28-81

DATE FILED 9-14-81

LAND. FEE & PATENTED

STATE LEASE NO

PUBLIC LEASE NO

INDIAN N00-C-14-20-3797

DRILLING APPROVED: 10-2-81

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY API

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED

2.3.84 LA application rescinded

FIELD

Wildcat 3/86 Rockwell Flat

UNIT:

COUNTY:

San Juan

WELL NO

East Aneth #30-32

API# 43-037-30723

LOCATION

2262.9' FT. FROM (N) ☒ LINE.

~~1467.2'~~

FT. FROM (E) ☒ LINE.

SW NE

1/4 - 1/4 SEC

30

2263'

1520' FEL

TWP

RGE

SEC

OPERATOR

TWP

RGE

SEC

OPERATOR

41S

26E

30

SUPERIOR OIL CO.

SUPERIOR OIL

M

September 14, 1981

Mr. Mike Minder
Geological Engineer
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: East Aneth #30-32
2262.9' FNL & 1467.2' FEL
Section 30, T41S, R26E, SLM
San Juan County, Utah

Dear Mr. Minder:

Enclosed is Superior Oil's Application for Permit to Drill for the above referenced well. This well is staked on an unorthodox location in accordance with Rule C-3 (c) General Rules and Regulations of Practice and Procedure. This is necessary due to geological conditions. Our Denver exploration office will request an exception to this rule in the very near future.

Your cooperation in this matter is appreciated.

Very truly yours,

SUPERIOR OIL COMPANY

Charles L. Hill
C.L. Hill
Area Production Superintendent

HH/dt

SUPERIOR OIL

BM

September 14, 1981

Mr. Mike Minder
Geological Engineer
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: East Aneth #30-32
2262.9' FNL, 1467.2' FEL
Section 30, T41S, R26E, SLM
San Juan County, Utah

Dear Mr. Minder:

Superior Oil Company controls all oil and gas mineral rights within a 660' radius of the referenced well. Superior Oil is designated as operator of Section 30, T41S, R26E, SLM from Arapahoe Petroleum, Incorporated.

Very truly yours,
SUPERIOR OIL COMPANY

Charles L. Hill

C. L. Hill
Area Production Superintendent

HWH/dt

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER "G", CORTEZ, COLORADO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

2262.9' FNL, 1467.2' FEL, SEC. 30, T41S, R26E

At proposed prod. zone
Same as surface

SWNE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

4 miles Southeast of Aneth, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest dirg. unit line, if any)

1467.2'

16. NO. OF ACRES IN LEASE

800

17. NO. OF ACRES ASSIGNED

80

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1500'

19. PROPOSED DEPTH

6200'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5100.5' Ungraded Ground Level

22. APPROX. DATE WORK WILL START*

October 1, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
18"	New 13-3/8"	54.5# H-40	100'	Redimix to surface
12-1/4"	New 8-5/8"	24# K-55	1725'	1300 sx cement to surf
7-7/8"	New 5-1/2"	15.5# K-55	6200'	250 sx

1. Drill 18" hole to 100', set 100' of new 13-3/8" 54.5#/ft H-40 ST&C casing. Cement to surface with Redimix.
2. Drill 12-1/4" hole to 1725' and set 1725' of new 8-5/8" 24#/ft K-55 ST&C casing. Cement to surface with 1300 sx Class 'B' cement.
3. Drill 7-7/8" hole to 6200' or to base of Desert Creek.
4. Log well with DIL-GR, FDC-CNL, BHC Sonic. Complete in Ismay and/or Desert Creek based on log evaluation. Stimulate as necessary.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MININGDATE: 10-2-80
BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

[Signature]

TITLE

Production Geologist

DATE

9-14-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

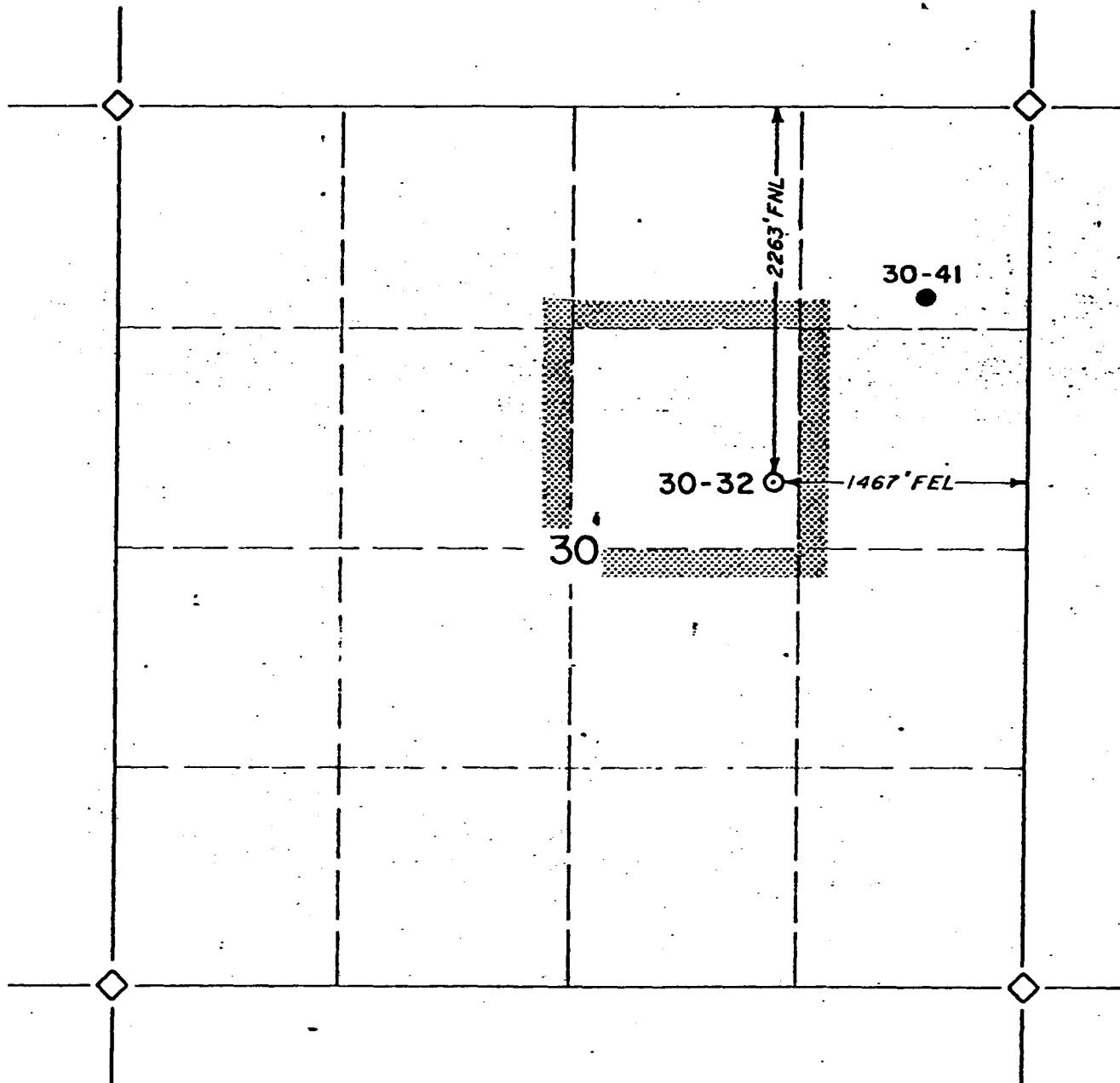
CONDITIONS OF APPROVAL, IF ANY:

Orig. + 5 - USGS, State - 2, Navajo Tribe, C. D. Johnson, Drilling Dept. Reg. Group, Central Files

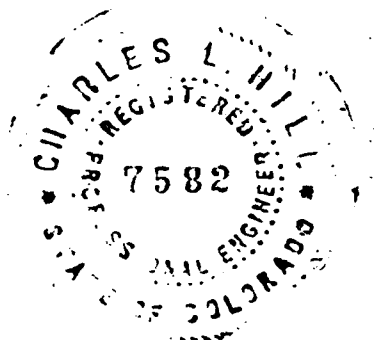
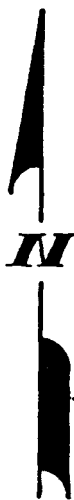
THE SUPERIOR OIL CO.

OPERATOR

East Aneth Well No. 30-32



SW/NE SECTION 30, T.41S. - R.26E.



Charles L. Hill

Scale: 1" = 1000'



- Location
- Well
- ⊕ Injector

SUPERIOR OIL

September 14, 1981

Mr. James Sims
District Engineer
U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

Re: Surface Use Development Plan
Proposed Well
East Aneth #30-32
2262.9' FNL, 1467.2' FEL
Section 30, T41S, R26E
San Juan County, Utah

Dear Mr. Sims:

The "Surface Use Development Plan" for the proposed Superior's East Aneth #30-32 is as follows:

1. The existing roads and the location of the off road exists are shown on the attached road and pipeline plat.
2. A reconstructed 1200' X 20' access road will be required as shown on the attached plat. The proposed road will run Southwest from a maintained county road to the location and will be of compacted sand and gravel with a maximum grade of 3%. The existing unimproved road will require improvements to provide a 20' wide travel surface. No major cuts or fills are anticipated.
3. The location and status of wells in the vicinity are shown on the attached road and pipeline plat.
4. The location of any production facilities, flow lines and lateral roads in the vicinity of the proposed well are shown on the attached plat. The 2" flow line from the proposed well will run 200' Northeast to a new tank battery, the area of the tank battery being approximately 100' X 300' where the oil, gas and water will be separated. If the new production facilities are required, a detailed building plan will be submitted for approval.
5. Water for drilling operations will be obtained from the San Juan River.
6. Materials necessary for the construction of the access road and drilling pad will be obtained from the location. No access roads for the purpose of hauling materials will be necessary.

SUPERIOR OIL

7. Waste materials will be collected in earth pits 6-8' deep with steep sides. The perimeter of these pits will be fenced with small mesh wire. When drilling operations are complete these earth pits will be backfilled and leveled to the contour of the original landscape. Small portable trailer houses for the company and contract drilling personnel may be on the location. A sufficient number of OSHA approved chemical toilets will be provided and maintained.
8. The location and position of drilling equipment is shown on the attached plat. Included on this plat is a cross section diagram showing cuts and fills necessary for the construction of the drilling pad. The drilling pad will be located approximately at ground level. Materials at the location will be used for elevation of the pad.
9. Surface land is owned by the Navajo Tribe and is used primarily for grazing. Vegetation consists of Galleta Grass, Salt Bush, Snake Weed and sparse Wolfberry. There are no Indian habitations or artifacts in the immediate vicinity of the proposed drillsite, access road, flow line, construction and material site or road used in transportation of material.

Very truly yours,


SUPERIOR OIL COMPANY



Henry W. Haven
Production Geologist

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by The Superior Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

9-14-81
Date


C. L. Hill
Area Production Superintendent

DESIGNATION OF OPERATOR

The undersigned is, on the records of the ~~Bureau of Land Management~~ ^{Bureau of Indian Affairs} holder of lease

DISTRICT ~~KKKK~~ OFFICE: Window Rock
SERIAL No.: NOO C1420 3797

and hereby designates

NAME: The Superior Oil Company
ADDRESS: 1860 Lincoln Tower Building
Denver, Colorado 80295

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 41 South, Range 26 East, S.L.P.M.
Section 30: All

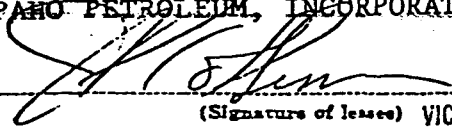
San Juan County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ARAPAHO PETROLEUM, INCORPORATED



(Signature of lessee) VICE PRESIDENT -

Oct. 14, 1980

(Date)

P.O. Box 3438, Englewood, CO 80155

(Address)

SUPERIOR OIL

September 11, 1981

Mr. James Sims
District Engineer
U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

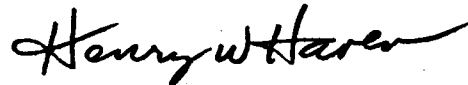
Re: East Aneth #30-32
2262.9' FNL, 1467.2' FEL
Section 30, T41S, R26E
San Juan County, Utah

Dear Mr. Sims:

East Aneth #30-32 location has been moved approximately 150' northeast to avoid archaeological findings on the original location. The new location is 2262.9' FNL and 1467.2' FEL of Section 30, T41S, R26E, San Juan County, Utah.

Sincerely yours,

SUPERIOR OIL COMPANY



H. W. Haven
Production Geologist

HWH/1h

SUPPLEMENT TO FORM 9-331-C

WELL: East Aneth #30-32

ELEVATION: 5100.5' Ungraded Ground level

SURFACE FORMATION WHERE DRILLING IS TO TAKE PLACE: Dakota

ESTIMATED FORMATION TOPS: (Measured from KB level @ 5115')

Chinle	1933'
DeChelly	3073'
Ismay	5870'
Lower Ismay	5968'
Gothic Shale	6016'
Desert Creek	6071'
Chimney Rock	6171'
TD	6200'

WATER BEARING FORMATION: Water is expected to be encountered intermittently from 400' to 1900'.

HYDROCARBON BEARING FORMATION: Oil and gas are expected to be encountered intermittently from 5968 - 6171'.

MUD PROGRAM: Surface to 100' - fresh water with gel.
100' - 2800' - fresh water.
2800' - 6200' - lignosulfonate or similar mud system.
Water loss controlled to 15 cc or less
and weighted with Barite as necessary.

CASING: Conductor: 13-3/8" 54.5#/ft H-40 ST&C new casing set to 100'.
Surface: 8-5/8" 24#/ft K-55 ST&C new casing set to 1725'.
Production: 5-1/2" 15.5#/ft K-55 ST&C new casing set to 6200'.

CEMENT PROGRAM: Conductor: Cement to surface with Redimix.
Surface: Cement to surface with 1300 sx Class 'B'.
Production: Cement with 250 sx Class 'B'.

LOGGING PROGRAM: TD - DIL-GR, FDC-CNL, BHC Sonic.

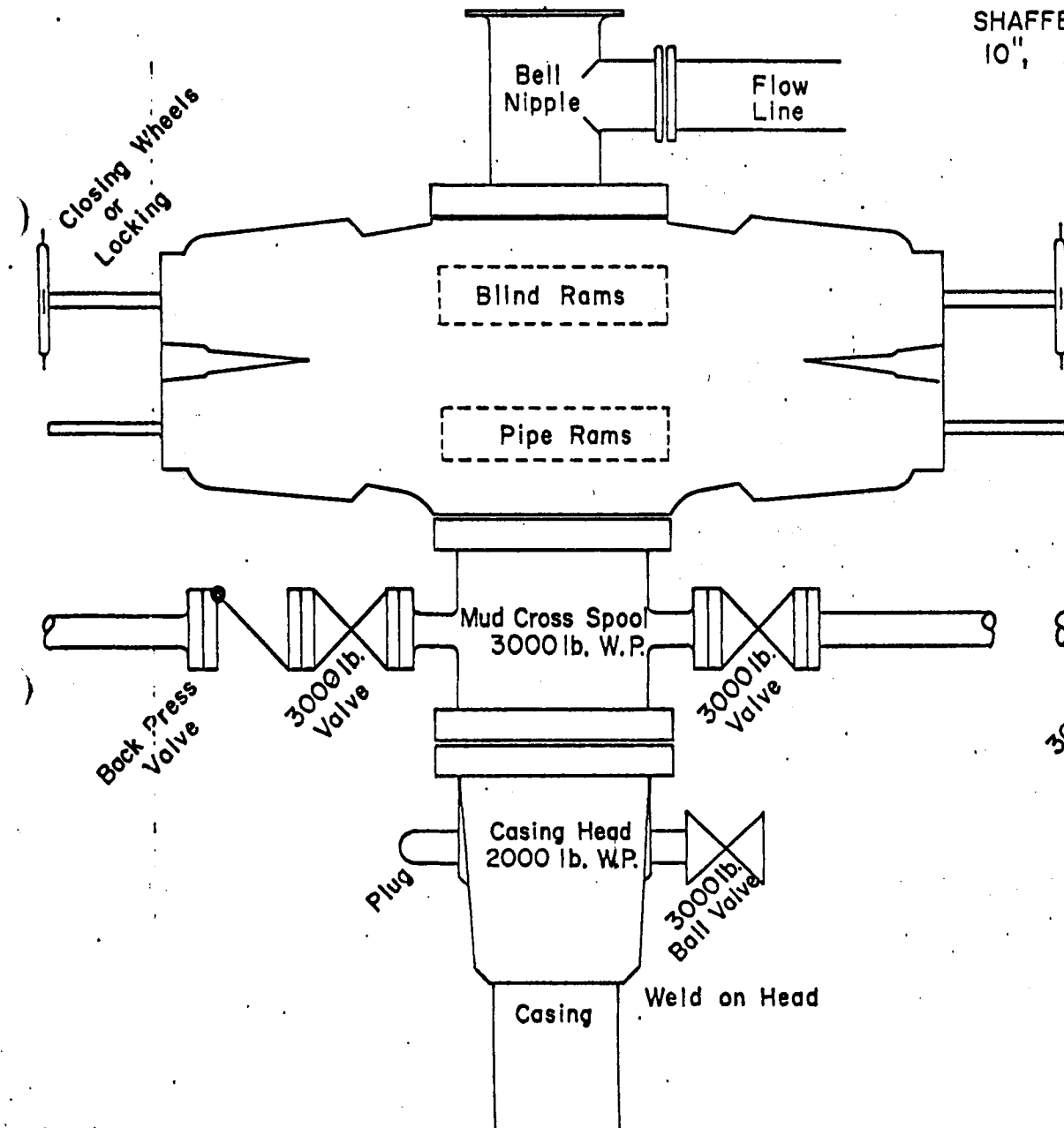
DRILL STEM TESTS: None

CORING: None

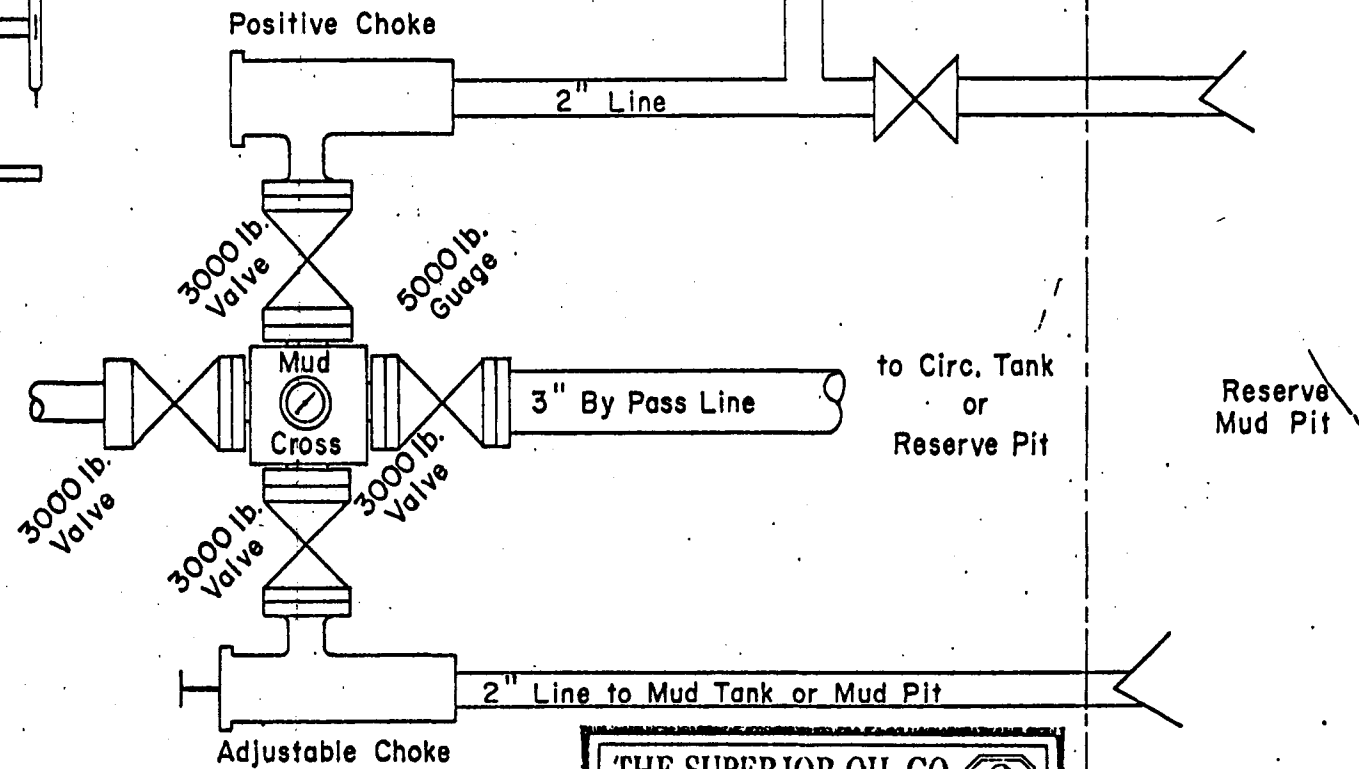
PRESSURE CONTROLS: Blowout preventer equipment will be 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled. The blind rams will be tested on each trip and the pipe rams will be tested daily. The schematic of the pressure control equipment can be seen on the attached diagram. The mud system will be monitored by visual inspection.


ANTICIPATED STARTING DATE: October 1, 1981 for 15 days.

HWH/dt



SHAFFER DOUBLE GATE BLOW OUT PREVENTER
10", 3000 lb. W.P., 6000 lb. Test, Type E

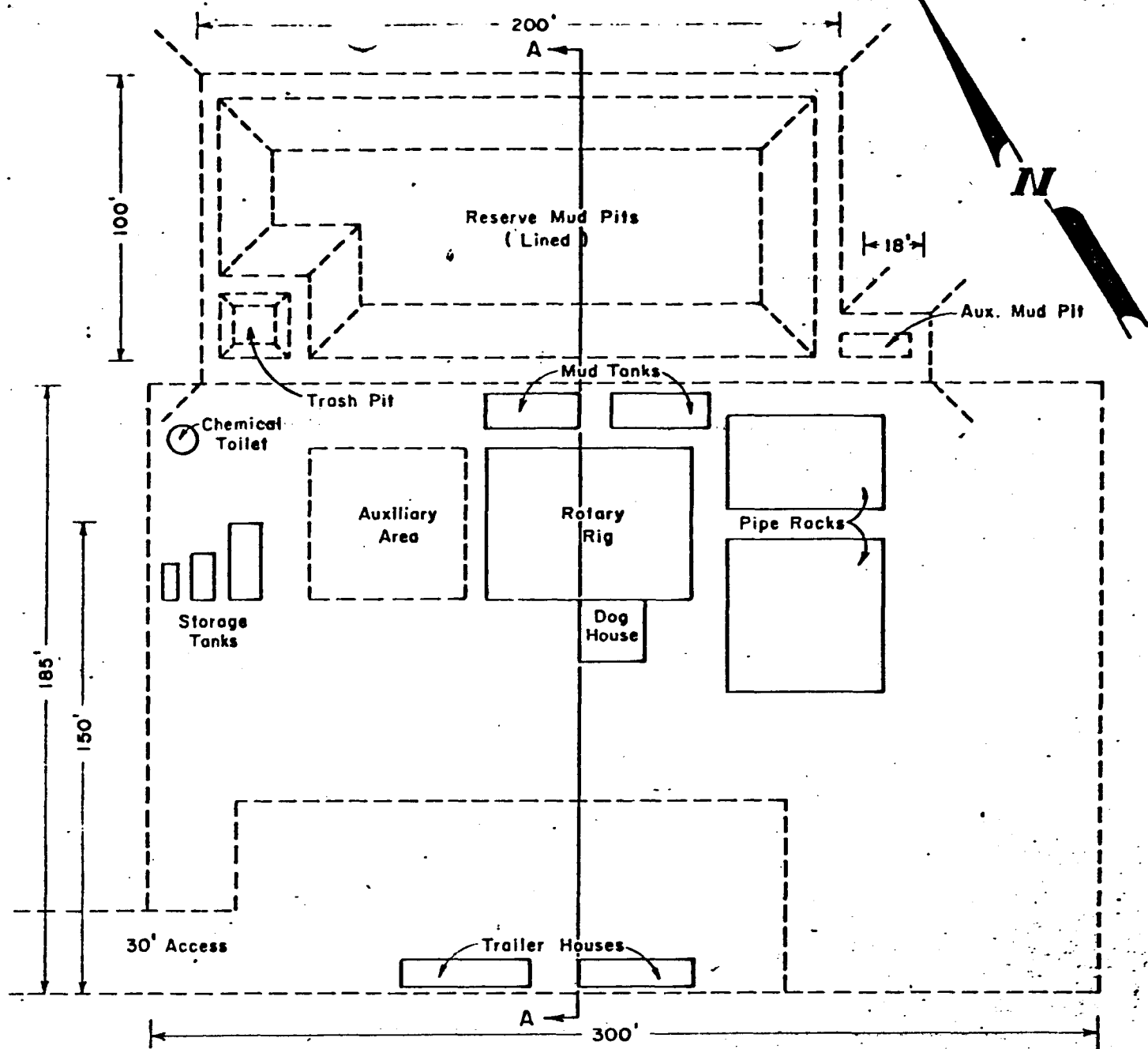


THE SUPERIOR OIL CO. 
CORTÉZ - CASPER DISTRICT
ENGINEERING DEPARTMENT

**SCHEMATIC DIAGRAM
OF PRESSURE CONTROL
EQUIPMENT**

BY JEG
SCALE NONE

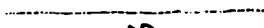


DATE 6/25/79
REVISED




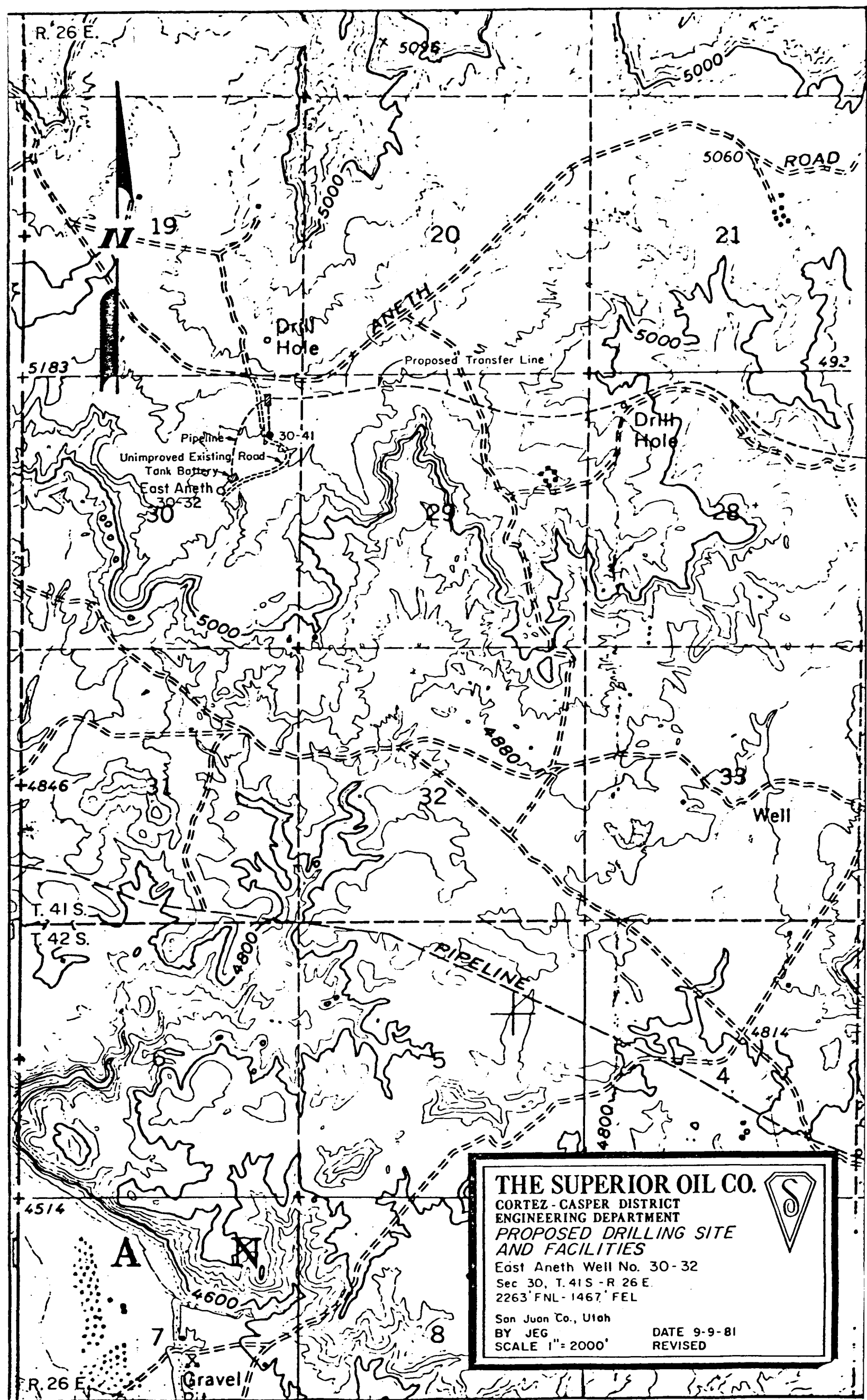
The Drilling Pad will be graded and compacted, and composed of native materials.

PROPOSED WELL SITE
EAST ANETH No. 30-32
Original Elev. 5100.5



Original Contour 
Reference Point 
Graded Proposal 

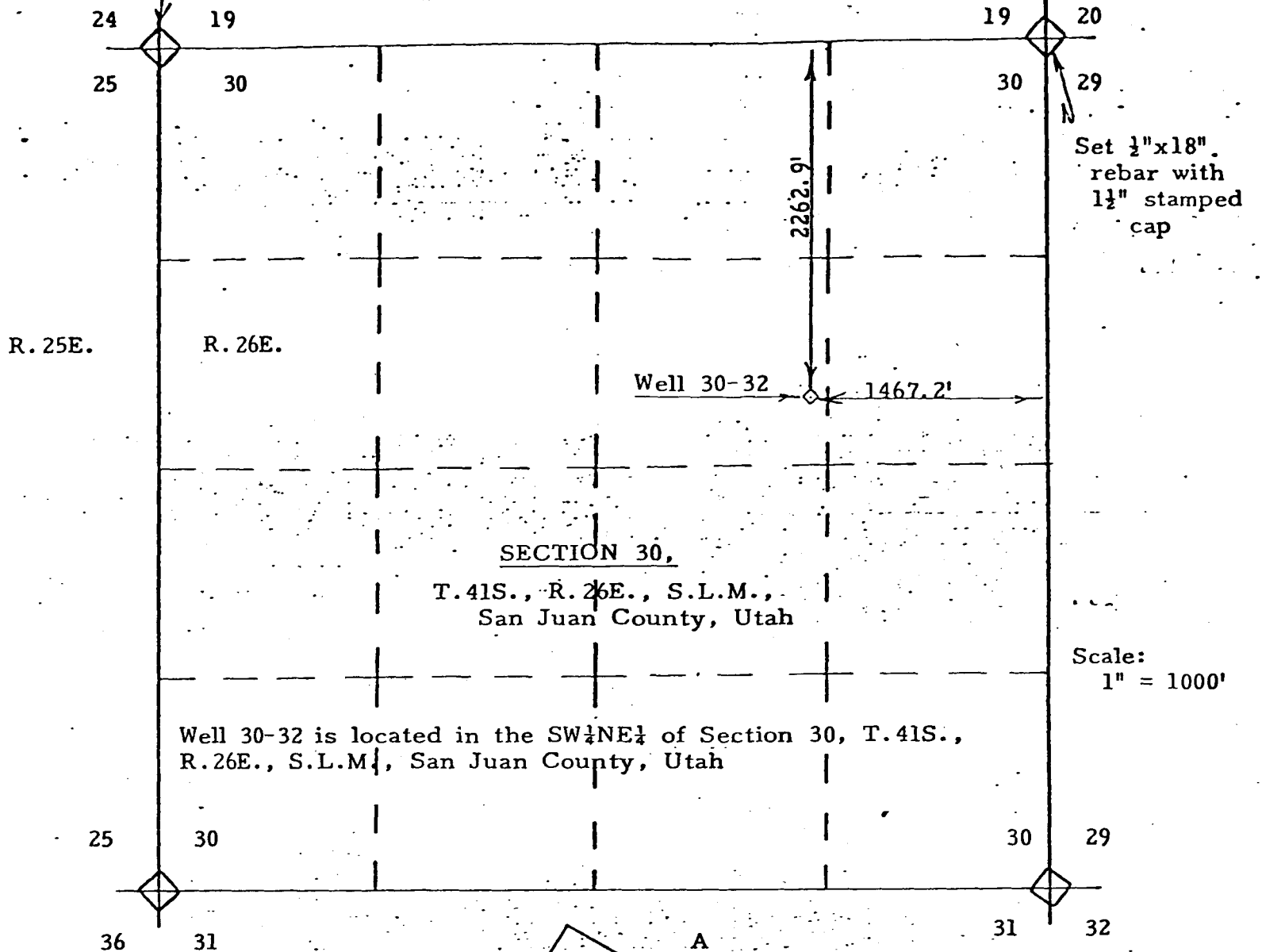
THE SUPERIOR OIL CO.		
CORTEZ - CASPER DISTRICT ENGINEERING DEPARTMENT		
RIG LAYOUT & DRILL PAD CROSS SECTION		
East Aneth Well No. 30-32		
Sec. 30, T. 41 S. - R. 26 E.		
2263' FNL - 1467' FEL		
BY JEG	DATE	
SCALE 1" = 80'	REVISED	



Mound of stones - no marked stone.

Superior Oil Co.
Well 30-32

Sept. 3, 1981



Ref. elev.
5107.6

Reserve
Pits

Soil: Sand.
Vegetation: Native grass and
shrubs.

Elevations referenced
to U.S.G.S. map
elevation at NW Cor.
Sec. 30 -
Elev. 5183.

N. 59°32'00"W.
215.0'

Well 30-32
Elev. 5100.5

S. 59°32'00"E.
215.00'

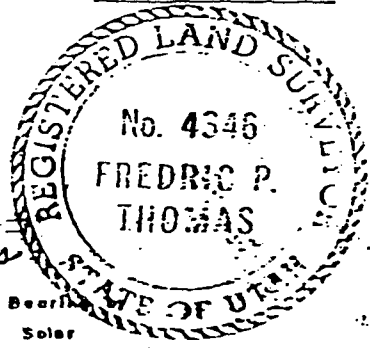
Ref. elev. 5092.7

Horizontal scale: 1" = 100'
Vertical scale: 1" = 50'

1200' reconstruction to
Well 30-41

Well 30-32

SECTION A-A



N

THOMAS Engineering Inc.

215 N. Linden
Cortez, Colorado
363-4496

Fredric P. Thomas

FREDRIC P THOMAS
Reg. L.S. and P.E.
Colo. Reg. No. 6728
Utah Reg. No. 4346

Bearing
Solar
observation

SUPERIOR OIL

4/15/2008
RECEIVED
SEP 21 1981

September 21, 1981
DIVISION OF
OIL, GAS & MINING

Mr. Cleon Feight
Division of Oil & Gas
State of Utah
1588 West N. Temple
Salt Lake City, UT 84116

RE: East Aneth 30-32
East Aneth 28-32
East Aneth 29-41
San Juan County, Utah

Dear Mr. Feight,

The above referenced locations (30-32: 2263FNL-1467FEL, 28-32: 2595FNL-2087FEL, and 29-41: 952FNL-1084FEL) will not meet the location guidelines set by the State of Utah.

An exemption is being requested so that the wells can be drilled on an existing seismic shotpoint. Our experience in the area shows that the target algal mounds can become non-productive in a very short lateral distance (400-600 feet). Consequently, any deviation from the known data on the seismic line makes the play very risky.

If you have any questions, feel free to call me.

Very truly yours,

R.P. Crist

R.P. Crist
Exploration Supervisor

RPC/cb

** FILE NOTATIONS **

DATE: Sept. 30, 1981

OPERATOR: Superior Oil Co.

WELL NO: East aneth #30-32

Location: Sec. 30 T. 41S R. 26E County: San Juan

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-087-30223

CHECKED BY:

Petroleum Engineer: M. J. Minder 10-2-81

Director: _____

Administrative Aide: ok as Per Rule C-3(c)

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Oil

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☐

P.I. ☐

October 2, 1981

Superior Oil Company
P. O. Drawer "G"
Cortez, Colo. 81321

RE: Well No. East Aneth #30-32,
Sec. 30, T. 41S, R. 26E,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well at said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

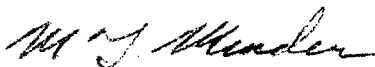
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30723.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Michael T. Minder
Petroleum Engineer

MTM/db
CC: USGS

REVISED

SUBMIT IN DUPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. N00-C-14-20-3797		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO		
2. NAME OF OPERATOR SUPERIOR OIL COMPANY			7. UNIT AGREEMENT NAME EAST ANETH		
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321			8. FARM OR LEASE NAME EAST ANETH		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2263' FNL, 1520' FEL, SEC. 30, T41S, R26E At proposed prod. zone Same as surface			9. WELL NO. #30-32		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 miles southeast of Aneth, Utah			10. FIELD AND POOL, OR WILDCAT EAST ANETH		
16. NO. OF ACRES IN LEASE 800			11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA SEC. 30, T41S, R26E		
17. NO. OF ACRES ASSIGNED TO THIS WELL 80			12. COUNTY OR PARISH SAN JUAN		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1500'			13. STATE UTAH		
19. PROPOSED DEPTH 6200'			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5100.5' Ungraded Ground Level			22. APPROX. DATE WORK WILL START* Nov. 1, 1981		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
18"	New 13-3/8"	54.5# H-40	100'	Redimix to surface
12-1/4"	New 8-5/8"	24# K-55	1725'	1300 sx
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3. Drill 7-7/8" hole to 6200' or to base of Desert Creek.
4. Log well with DIL-GR, FDC-CNL, BHC Sonic. Complete in Ismay and/or Desert Creek based on log evaluation. Stimulate as necessary.

Orig + 5 - USGS, State - 2, Navajo Tribe, Drilling Dept. Reg. Group, Central Files, H.D., C.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. T. Greg Merrion
SIGNED T. Greg Merrion TITLE Petroleum Engineer DATE 10-6-81
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY THE DIRECTOR OF OIL, GAS, AND MINES _____ TITLE _____ DATE _____

DATE 10-28-81BY M. J. Minner

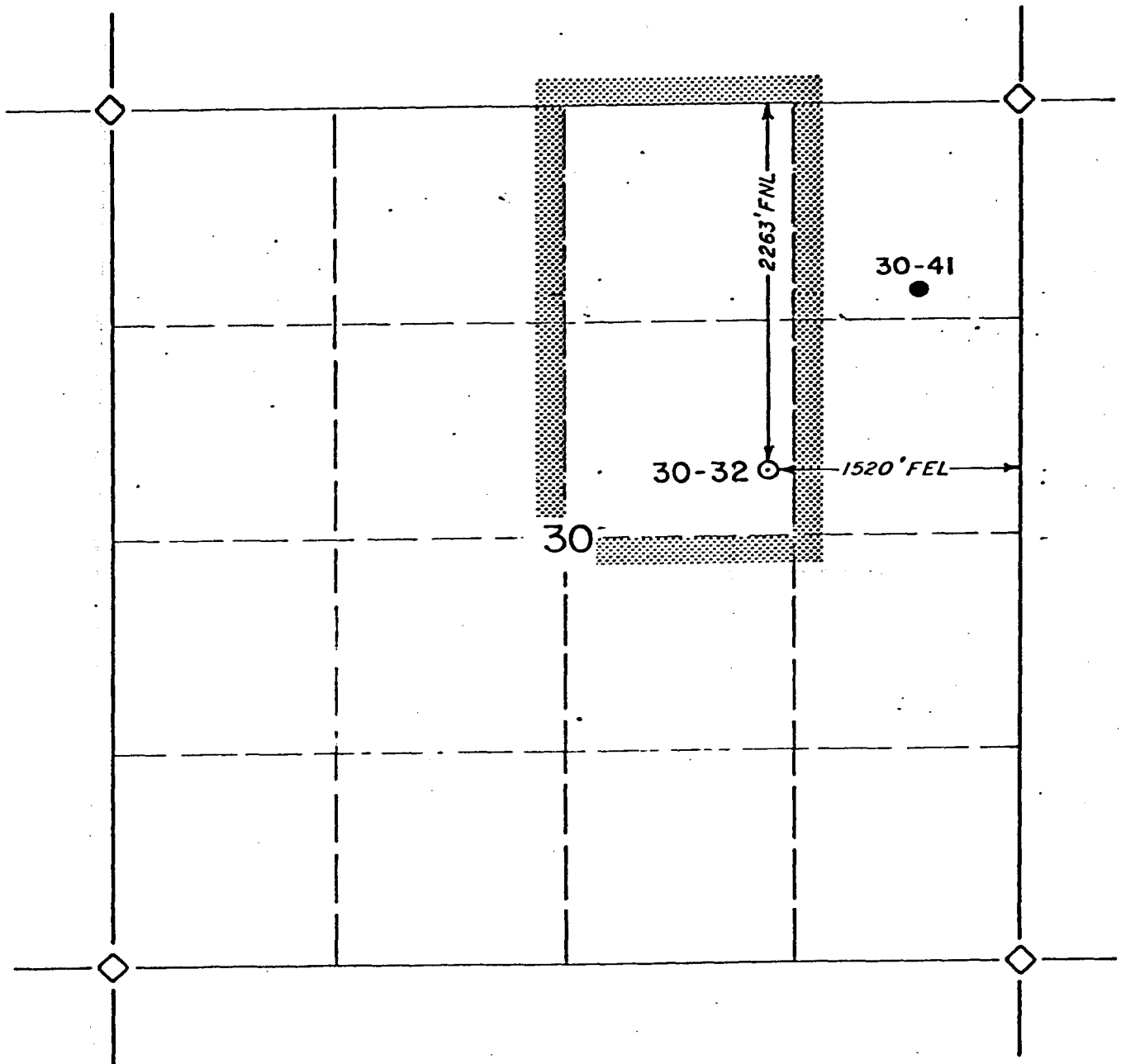
See Instructions On Reverse Side

still at an early stage
wells

THE SUPERIOR OIL CO.

OPERATOR

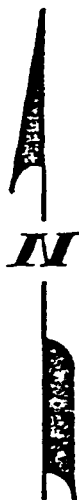
East Aneth Well No. 30-32



W 1/2 / NE SECTION 30, T.41 S. - R.26 E.



Charles L. Hill



Scale: 1" = 1000'

- Location
- Well
- ♀ Injector

SUPERIOR OIL

September 14, 1981

Mr. James Sims
District Engineer
U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

Re: Surface Use Development Plan
Proposed Well
East Aneth #30-32
2262.9' FNL, 1467.2' FEL
Section 30, T41S, R26E
San Juan County, Utah

Dear Mr. Sims:

The "Surface Use Development Plan" for the proposed Superior's East Aneth #30-32 is as follows:

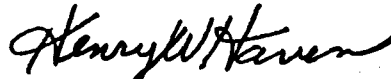
1. The existing roads and the location of the off road exists are shown on the attached road and pipeline plat.
2. A reconstructed 1200' X 20' access road will be required as shown on the attached plat. The proposed road will run Southwest from a maintained county road to the location and will be of compacted sand and gravel with a maximum grade of 3%. The existing unimproved road will require improvements to provide a 20' wide travel surface. No major cuts or fills are anticipated.
3. The location and status of wells in the vicinity are shown on the attached road and pipeline plat.
4. The location of any production facilities, flow lines and lateral roads in the vicinity of the proposed well are shown on the attached plat. The 2" flow line from the proposed well will run 200' Northeast to a new tank battery, the area of the tank battery being approximately 100' X 300' where the oil, gas and water will be separated. If the new production facilities are required, a detailed building plan will be submitted for approval.
5. Water for drilling operations will be obtained from the San Juan River.
6. Materials necessary for the construction of the access road and drilling pad will be obtained from the location. No access roads for the purpose of hauling materials will be necessary.

SUPERIOR OIL

7. Waste materials will be collected in earth pits 6-8' deep with steep sides. The perimeter of these pits will be fenced with small mesh wire. When drilling operations are complete these earth pits will be backfilled and leveled to the contour of the original landscape. Small portable trailer houses for the company and contract drilling personnel may be on the location. A sufficient number of OSHA approved chemical toilets will be provided and maintained.
8. The location and position of drilling equipment is shown on the attached plat. Included on this plat is a cross section diagram showing cuts and fills necessary for the construction of the drilling pad. The drilling pad will be located approximately at ground level. Materials at the location will be used for elevation of the pad.
9. Surface land is owned by the Navajo Tribe and is used primarily for grazing. Vegetation consists of Galleta Grass, Salt Bush, Snake Weed and sparse Wolfberry. There are no Indian habitations or artifacts in the immediate vicinity of the proposed drillsite, access road, flow line, construction and material site or road used in transportation of material.

Very truly yours,

SUPERIOR OIL COMPANY



Henry W. Haven
Production Geologist

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by The Superior Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

9-14-81
Date

Charles L. Hill
C. L. Hill
Area Production Superintendent

HWH/1h

DESIGNATION OF OPERATOR

The undersigned is, on the records of the ~~Bureau of Land Management~~ ^{Bureau of Indian Affairs}, holder of lease

DISTRICT ~~XXXX~~ OFFICE: Window Rock
SERIAL No.: NOO C1420 3797

and hereby designates

NAME: The Superior Oil Company
ADDRESS: 1860 Lincoln Tower Building
Denver, Colorado 80295

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 41 South, Range 26 East, S.L.P.M.
Section 30: All

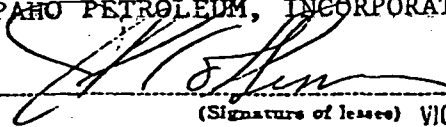
San Juan County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ARAPAHO PETROLEUM, INCORPORATED



(Signature of lessee) VICE PRESIDENT

Oct. 14, 1980

(Date)

P.O. Box 3438, Englewood, CO 80155

(Address)

SUPERIOR OIL

September 11, 1981

Mr. James Sims
District Engineer
U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

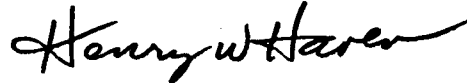
Re: East Aneth #30-32
2262.9' FNL, 1467.2' FEL
Section 30, T41S, R26E
San Juan County, Utah

Dear Mr. Sims:

East Aneth #30-32 location has been moved approximately 150' northeast to avoid archaeological findings on the original location. The new location is 2262.9' FNL and 1467.2' FEL of Section 30, T41S, R26E, San Juan County, Utah.

Sincerely yours,

SUPERIOR OIL COMPANY



H. W. Haven
Production Geologist

HWH/1h

SUPPLEMENT TO FORM 9-331-C

WELL: East Aneth #30-32

ELEVATION: 5100.5' Ungraded Ground level

SURFACE FORMATION WHERE DRILLING IS TO TAKE PLACE: Dakota

ESTIMATED FORMATION TOPS: (Measured from KB level @ 5115')

Chinle	1933'
DeChelly	3073'
Ismay	5870'
Lower Ismay	5968'
Gothic Shale	6016'
Desert Creek	6071'
Chimney Rock	6171'
TD	6200'

WATER BEARING FORMATION: Water is expected to be encountered intermittently from 400' to 1900'.

HYDROCARBON BEARING FORMATION: Oil and gas are expected to be encountered intermittently from 5968 - 6171'.

MUD PROGRAM: Surface to 100' - fresh water with gel.
100' - 2800' - fresh water.
2800' - 6200' - lignosulfonate or similar mud system.
Water loss controlled to 15 cc or less
and weighted with Barite as necessary.

CASING: Conductor: 13-3/8" 54.5#/ft H-40 ST&C new casing set to 100'.
Surface: 8-5/8" 24#/ft K-55 ST&C new casing set to 1725'.
Production: 5-1/2" 15.5#/ft K-55 ST&C new casing set to 6200'.

CEMENT PROGRAM: Conductor: Cement to surface with Redimix.
Surface: Cement to surface with 1300 sx Class 'B'.
Production: Cement with 250 sx Class 'B'.

LOGGING PROGRAM: TD - DIL-GR, FDC-CNL, BHC Sonic.

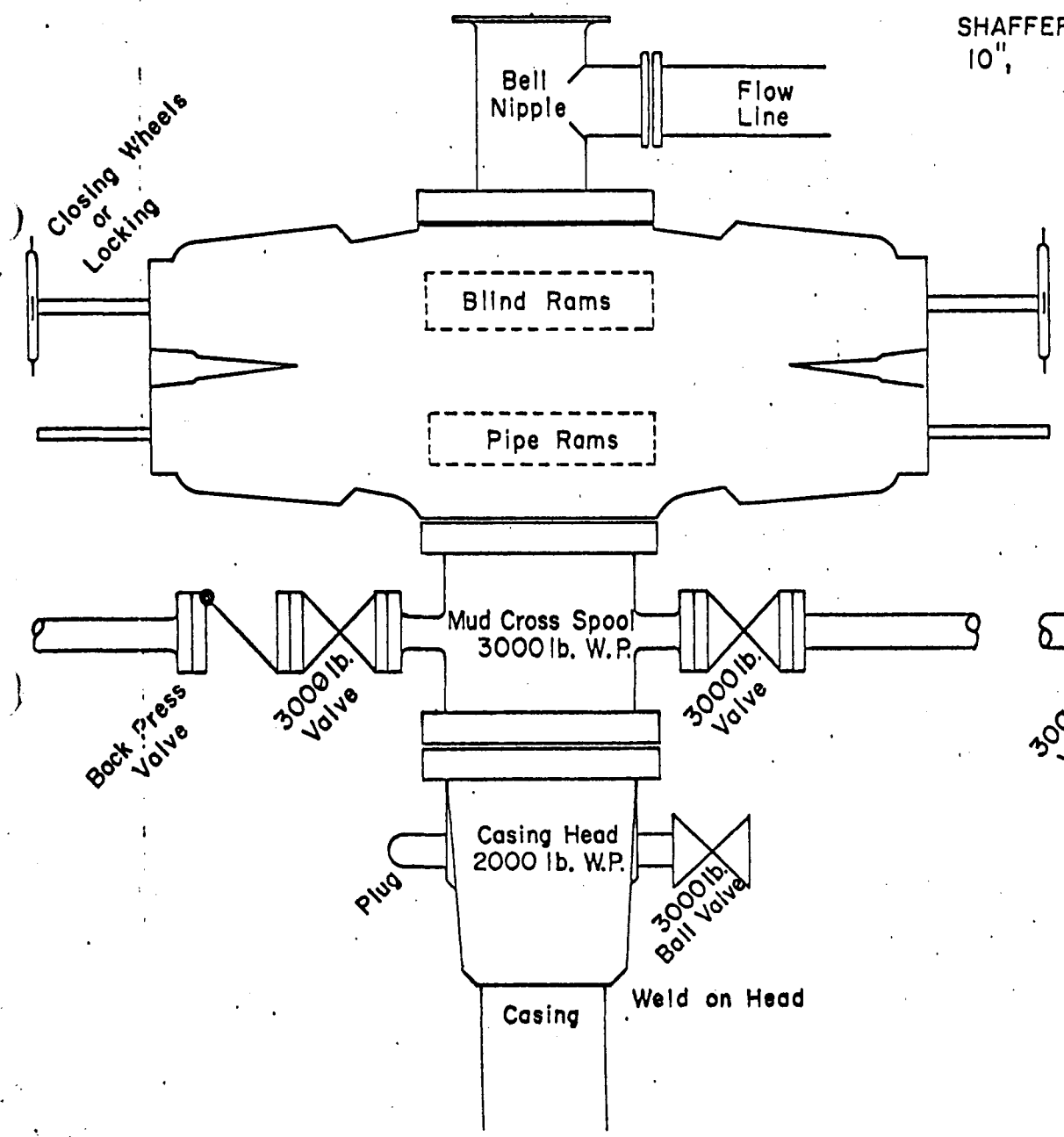
DRILL STEM TESTS: None

CORING: None

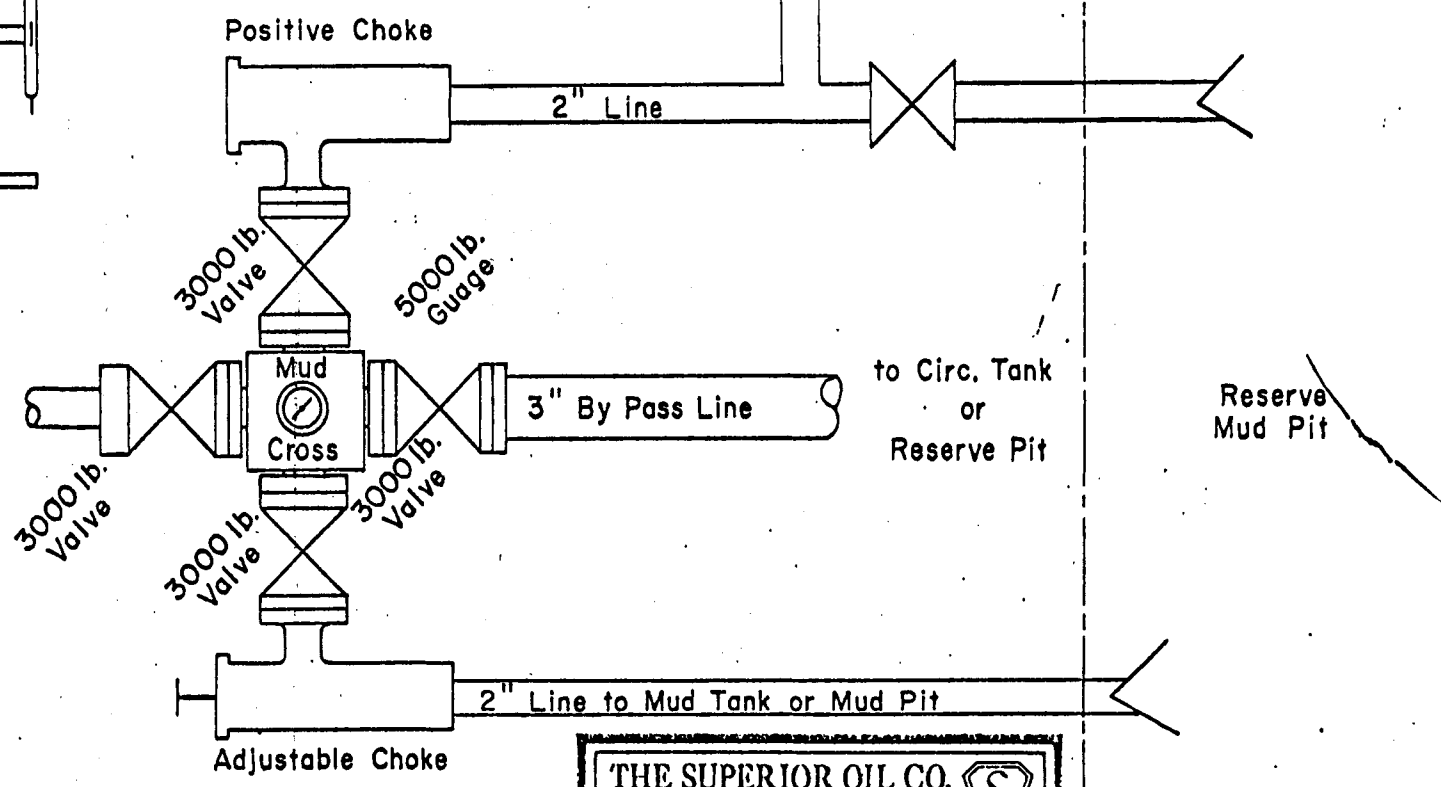
PRESSURE CONTROLS: Blowout preventer equipment will be 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled. The blind rams will be tested on each trip and the pipe rams will be tested daily. The schematic of the pressure control equipment can be seen on the attached diagram. The mud system will be monitored by visual inspection.

ANTICIPATED STARTING DATE: October 1, 1981 for 15 days.

HWH/dt



SHAFFER DOUBLE GATE BLOW OUT PREVENTER
10", 3000 lb. W.P., 6000 lb. Test, Type E



THE SUPERIOR OIL CO.

CORTEZ-CASPER DISTRICT

ENGINEERING DEPARTMENT

SCHEMATIC DIAGRAM

OF PRESSURE CONTROL

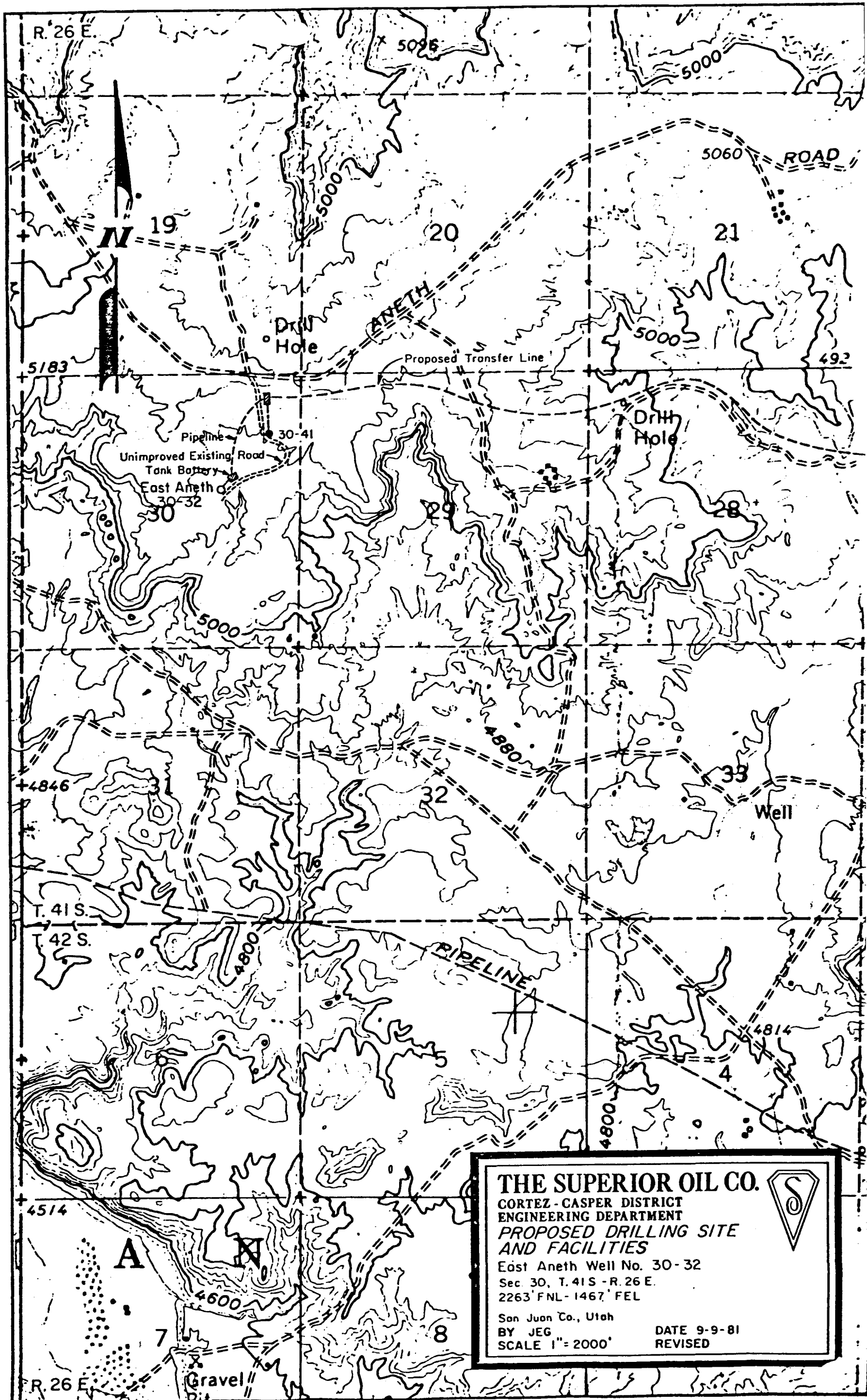
EQUIPMENT

BY JEG

SCALE NONE

DATE 6/25/79

REVISED



THE SUPERIOR OIL CO.

CORTEZ - CASPER DISTRICT
ENGINEERING DEPARTMENT
PROPOSED DRILLING SITE
AND FACILITIES

East Aneth Well No. 30-32
Sec. 30, T. 41S - R. 26E.
2263' FNL - 1467' FEL

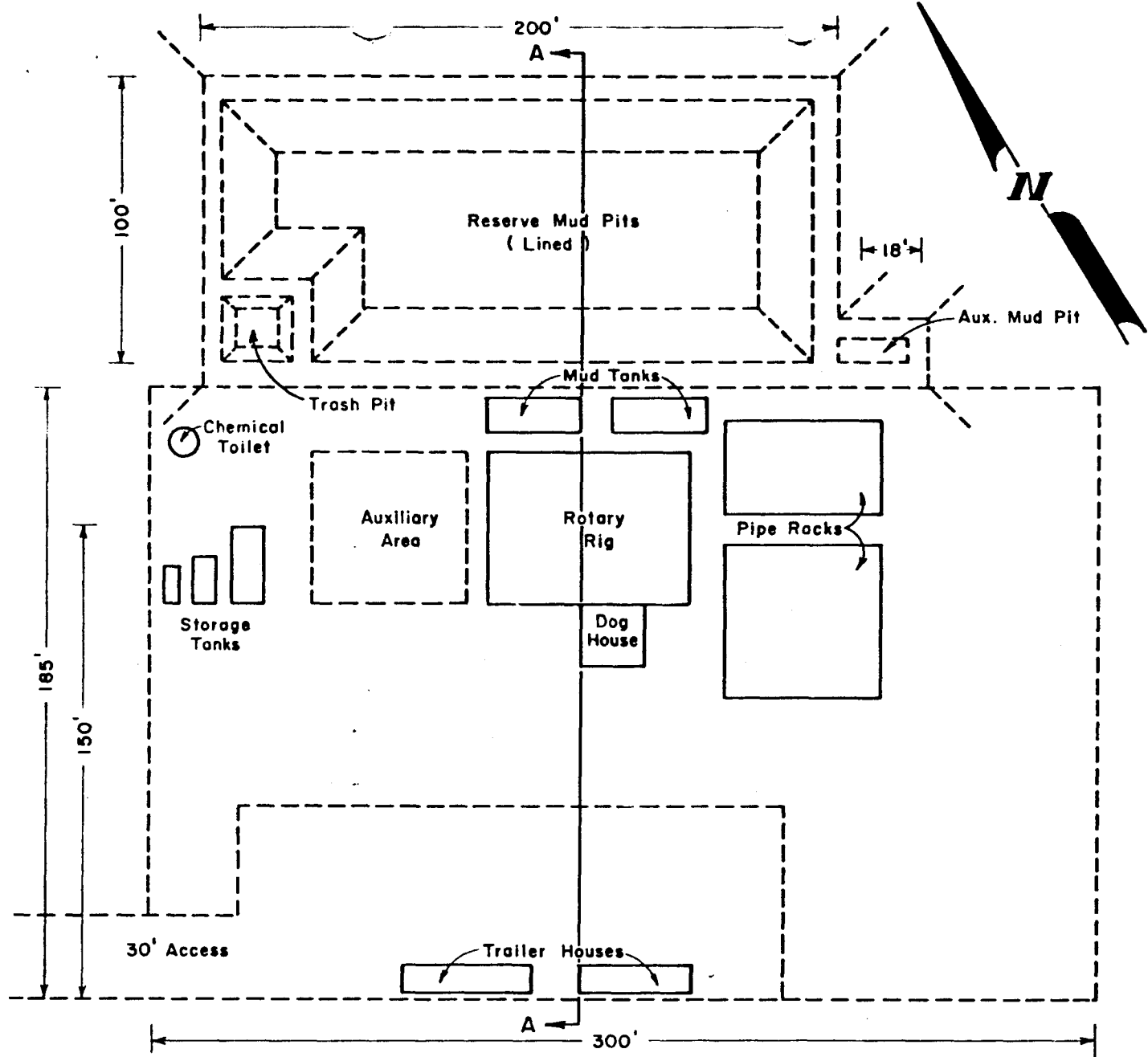
San Juan Co., Utah

BY JEG

SCALE 1" = 2000'

DATE 9-9-81
REVISED





The Drilling Pad will be graded and compacted, and composed of native materials.

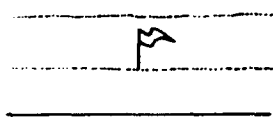
PROPOSED WELL SITE
EAST ANETH No. 30-32
Original Elev. 5100.5



Cellar

Reserve Mud Pits

Original Contour
Reference Point
Graded Proposal



THE SUPERIOR OIL CO.

CORTEZ CASPER DISTRICT
ENGINEERING DEPARTMENT

**RIG LAYOUT & DRILL
PAD CROSS SECTION**

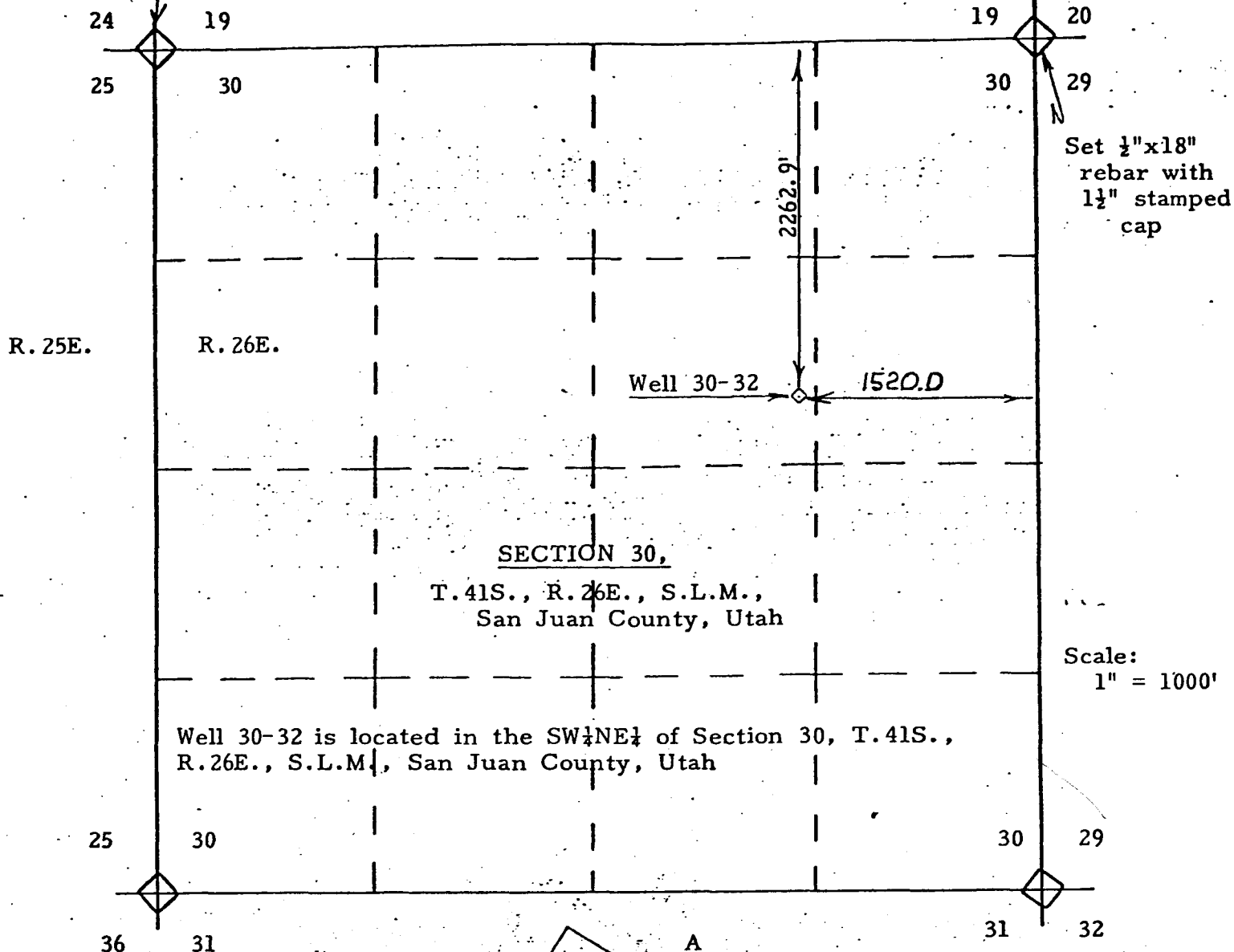
East Aneth Well No. 30-32
Sec. 30, T. 41 S. - R. 26 E.
2263' FNL - 1520' FEL

BY JEG DATE 9/9/81
SCALE 1" = 80' REVISED

Mound of stones - no marked s...ie.

Superior Oil Co.
Well 30-32

Sept. 3, 1981
Rev Oct 12, 1981



Ref. elev.
5107.6

Soil: Sand.
Vegetation: Native grass and shrubs.

Reference
East-52.8'
Elev 5100.5

N. 59°32'00"W.
215.0'

Well 30-32

S. 59°32'00"E.
215.00'

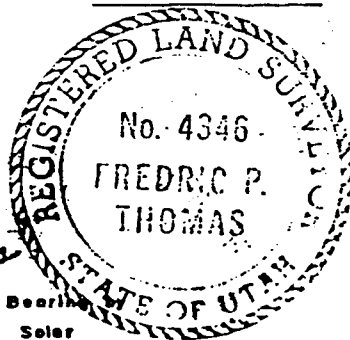
Ref. elev. 5092.7
East-52.8'

1200' reconstruction to
Well 30-41

Horizontal scale: 1" = 100'
Vertical scale: 1" = 50'

Well 30-32

SECTION A-A



THOMAS Engineering Inc.

215 W. Liden
Cortez, Colorado
965-4496

Fredric P Thomas

FREDRIC P THOMAS
Reg. L.S. and P.E.
Colo. Reg. No. 6728

Bearing
Solar
observation

Utah Reg. No. 4346

KNOW ALL MEN BY THESE PRESENTS:
THAT I, FREDRIC P. THOMAS
do hereby certify that I prepared this plat from an
actual and accurate survey of the land and that the
same is true and correct to the best of my knowledge
and belief.



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 5, 1982

Superior Oil Company
P. O. Drawer "G"
Cortez, Colorado 81321

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

Well No. East Aneth #28-32
Sec. 28, T. 41S, R. 26E.
San Juan County, Utah

Well No. East Aneth #29-41
Sec. 29, T. 41S, R. 26E.
San Juan County, Utah

Well No. East Aneth #30-32
Sec. 30, T. 41S, R. 26E.
San Juan County, Utah

Well No. Kin Dillidii #4-22
Sec. 4, T. 42S, R. 26E.
San Juan County, Utah

Well No. Kin Dillidii #10-13
Sec. 10, T. 42S, R. 26E.
San Juan County, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐
well well other

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P.O. DRAWER 'G', CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2263' FNL, 1520' FEL of Sec. 30
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Extension	<input type="checkbox"/>		<input type="checkbox"/>

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Superior Oil is requesting the approval of the "Application for Permit to Drill" on the above referenced well be extended six months past the original expiration date on 1-18-83.

Orig + 3 - MMS, State, Navajo Tribe, Reg. Group, Files - H, D, C

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg Merriam TITLE Petroleum Engineer DATE January 11, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

SUPERIOR 

Handwritten: *Prody*
Carli
Stamp: OCT 17 1983

**DIVISION OF
OIL, GAS & MINING**

October 13, 1983

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

RE: Distribution of Oil & Gas
Lease Sale Notices

Gentlemen:

Please consider this letter as our official notice of address change, effective November 1, 1983 and our request that Superior Oil be maintained on your mailing list to receive notices regarding any forthcoming sales of oil and gas leases on lands administered by you.

We will appreciate your sending notices to the following address:

The Superior Oil Company
600 17th Street
Suite 1500
Denver, Colorado 80202
ATTN: Land Department

Thank you very much.

Very truly yours,

THE SUPERIOR OIL COMPANY

Jed W. Lemmons/cbb

Jed W. Lemmons
Division Land Manager

JWL/cbb



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 3, 1984

Superior Oil Company
600 17th Street
Suite 1500
Denver, Colorado 80202

RE: Well No. East Aneth #30-32
API #43-037-30723
2263' FNL, 1520' FEL SW/NE
Sec. 30, T. 41S, R. 26E.
San Juan County, Utah

Gentlemen:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded effective one calendar month from the date of this notice.

A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

Respectfully,

Norman C. Stout
Administrative Assistant

NCS/cj